

BACKSPACE MECHANISM ADJUSTMENTS

APPARATUS AFFECTED: 28A, 28B, 28D, 28E, 28F, 28G, 28G-1, 28H, 28J, 28J-1, 28K, 28LA Perforator-Transmitter-Bases; 35A, 35B, and 35D Perforator-Transmitter-Bases.

OBJECT: To add a requirement to the backspace mechanism requirements.

CHANGE: The following requirements are added at the end of the backspace mechanism adjustments on the following pages:

Section 573-117-700, Issue 3, Page 117
Section 573-118-700, Issue 6, Page 100
Section 573-119-700, Issue 3, Page 66
Section 574-224-700, Issue 4, Page 38

FINAL POWER OR MANUAL BACKSPACE ADJUSTMENT

(1) REQUIREMENT

WITH TAPE IN THE UNIT, PLACE THE FEED WHEEL SHAFT OIL HOLE IN ITS UPPERMOST POSITION, OPERATE THE BACKSPACE MECHANISM ONCE. THE RATCHET WHEEL SHALL BE BACKED ONE SPACE INTO A FULLY DETENTED POSITION.

NOTE: "A FULLY DETENTED POSITION" IS DEFINED AS FOLLOWS: WITH THE DETENT ROLLER IN CONTACT WITH THE RATCHET WHEEL, THE PUNCH UNIT FEED PAWL SHALL ENGAGE THE FIRST TOOTH BELOW THE HORIZONTAL CENTER LINE OF THE FEED RATCHET WITH NO PERCEPTIBLE CLEARANCE.

(2) REQUIREMENT

WITH THE UNIT OPERATING UNDER POWER, PERFORATE APPROXIMATELY TWO INCHES OF TAPE WITH THE "LETTERS" COMBINATION SELECTED. BACKSPACE 12 CHARACTERS IN SUCCESSION. WITH THE UNIT STILL UNDER POWER, AGAIN PERFORATE APPROXIMATELY TWO INCHES OF TAPE WITH THE "LETTERS" COMBINATION SELECTED. CLIPPING OF THE CODE HOLES SHALL BE HELD TO A MINIMUM AND SHALL NOT EXCEED MORE THAN 0.005 INCH AS GAUGED BY EYE.

TO ADJUST

ON MANUAL BACKSPACE MECHANISMS, REFINE THE FEED PAWL PRELIMINARY ADJUSTMENT. ON POWER DRIVE BACKSPACE MECHANISMS, LOOSEN THE ARM ADJUSTING SCREW AND POSITION THE ADJUSTING PLATE. TIGHTEN THE ARM ADJUSTING SCREW.

CLASSIFICATION FOR APPARATUS FURNISHED BY TELETYPE: These adjustments are now in effect.

APPLICATION TO APPARATUS IN THE FIELD: All units should have the new adjustments applied.

APPLICATION AT W.E.CO. DIST. HOUSE REPAIR SHOPS: All units shall have the new adjustments applied.